Agenda

Welcome

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Family & Consumer Sciences

Alignment & Connections

State Examples

Questions & Answers
Welcome

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U.S. Department of Education
Family and Consumer Sciences: Foundational Career Readiness Education

Briefing for U.S. Department of Education
May 6, 2015

National Association of State Administrators of Family and Consumer Sciences
2014-15 Executive Committee:

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**NASAFACS**
Who is NASAFACS?

• **Mission:**

  The mission of the National Association of State Administrators of Family and Consumer Sciences (NASAFACS) is to provide leadership for sustainable Family and Consumer Sciences Education Programs.

• **Membership:**

  • State Program Administrators—Business and Industry Partners
  • Professional Organizations—Family and Consumer Sciences Consultants
• 27,000 Family and Consumer Sciences Teachers
  • Bachelor degrees in Education with an emphasis in interdisciplinary fields
  • Industry professionals—specialists in an identified field

• 3.5 million students
  • Diverse student populations
  • Large and small educational systems
  • All geographic locations in the U.S.
Who is Family and Consumer Sciences Education?
Family and Consumer Sciences prepares students for family life, work life and careers by providing opportunities to:

- Strengthen the well-being of individuals and families across the life span,
- Promote optimal nutrition and wellness,
- Balance personal, home, family and work lives,
- Manage resources to meet needs of individuals and families, and
- Apply critical and creative thinking skills to address problems in diverse families, community and work environments.

NASAFACS
“Because of the rapid changes both technological and social, it is becoming less possible to operate our lives effectively using old paradigms.

The learners today will be living in a society that will require its citizens to think constructively, make sound decisions, solve problems, access information and take responsibility for their own lives.

The educational challenge is to build essential skills for learners in preparation for adult life.”
Transitioned from content delivery to content and process of information.... hence created a new model for instructional focus

“Family and Consumer Sciences 21st Century Process Skills”

- Creativity
- Leadership
- Critical Thinking
- Management
- Goal Setting
- Problem Solving
- Decision Making
- Cooperative Learning

www.nasafacs.org
Family and Consumer Sciences

- Inquiry based
- Research based
- Project based/Problem based
- Ever evolving to meet needs of humans through prevention education and Family and Consumer Sciences related careers
Family and Consumer Sciences education pulls from...

- Biology
- Economics
- Chemistry
- Anthropology
- Physics
- Sociology
- Art (Design)
- Political Science
- Psychology
- Statistics
- Communications
- Business
- Philosophy

... to meet human needs and improve quality of life.

(Source: www.Onetonline.org)

Foundational Applied Academics
Two focus areas:
1. Developing foundational life skills.

- Nutrition Education
- Personal Wellness
- Healthy Relationships
- Consumer, Personal and Family Financial Capability
- Career and Life Planning
- Work and Family Balance
- Resource Management
- Character Development
2. Building Family and Consumer Sciences career and technical skill training.

- Early Childhood Educator
- Social Worker
- Counselor
- Financial Planner
- Chef
- Restaurant Manager
- Event Planner
- Hotel Manager
- Teacher
Family, Career and Community Leaders of America

- Aligned to Family and Consumer Sciences content and process
- Real World Application
- Authentic Assessment
- 200,000 members
- 6.4 million impacted

NASAFACS
“The most important family value is time with your family. It’s important to put food on the table, but we want you to be at the table.”

Secretary Tom Perez
U.S. Department of Labor
Employability Skills
U.S. Department of Education: Employability Skills Framework
U.S. Department of Education: Employability Skills Framework

--Family and Consumer Sciences Process Skill Alignment

Applied Academic Skills
Interpersonal Skills
Critical Thinking Skills
Personal Qualities
Resource Management
Technology Use
Information Use
Systems Thinking
Communication Skills
• U.S. Department of Labor: Tiered Competency Model
• U.S. Department of Labor: Tiered Competency Model

- **Tier 1 - Personal Effectiveness Competencies**
  - Integrity
  - Professionalism
  - Dependability & Reliability
  - Adaptability & Flexibility
  - Interpersonal Skills
  - Ability and Willingness to Learn
  - Motivation

- **Tier 2 - Academic Competencies**
  - Reading
  - Writing
  - Mathematics
  - Science Principles
  - Critical and Analytic Thinking
  - Communication
  - Basic Computer Skills

- **Tier 3 - Workplace Competencies**
  - Teamwork
  - Customer Focus
  - Problem Solving and Decision Making
  - Working with Tools and Technology
  - Health and Safety
  - Career Skills

- **Tier 4 - Industry-Wide Technical Competencies**
  - Food Safety and Sanitation
  - Industry Principles and Concepts
  - Service Quality
  - Product Quality and Cost Control
  - Marketing and Branding

- **Tier 5 - Industry-Sector Technical Competencies**
  - Culinary Arts / Back of the House
  - Service Culture / Front of the House
  - Beverage Service

**Foundational Level**

**Personal Effectiveness**

**Industry Related**

**Occupation Related**
U.S. Department of Labor: Tiered Competency Model

- **Foundational Level**
  - Life Skills
  - Foundational Competencies

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- **Occupation Related**

- **Industry Related**
• U.S. Department of Labor: Tiered Competency Model
Family and Consumer Sciences and STEM
“Hundreds of thousands of visitors to the new space will be students. Maybe they’ll come initially because they love clothes and fashion, but then will learn fashion is a business, an art and a career. Maybe they will learn about the math behind Charles James designs and they’ll think to themselves, maybe I should pay closer attention to Geometry”.

First Lady, Michelle Obama
STEM

• **Seven definitions:**
  Science—Technology—Engineering—Mathematics

STEM Career Cluster Pathways

iSTEM

STEM Literacy

• Family and Consumer Sciences is connected with all.
STEM alignment (examples):

- Food Science and Innovation
- Bakery Science
- Fiber Manufacturing
- Smart Fibers
- Smart Homes
- Recycle/Redesign
- Sustainability Living Practices
- Early STEM Education
- Embedded computation within real life problems (e.g. culinary arts, technical design)
- Universal housing design
Two facets to STEM Literacy

- Specific employability skills:
  - Thinking and Reasoning
  - Collaboration
  - Problem solving
  - Creativity

- Instructional Strategies:
  - Inquiry based
  - Project based
  - Problem based
  - Challenge based

Two facets to STEM Literacy (Family and Consumer Sciences Alignment)

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  - Problem based
  - Challenge based

(Source: The STEM Leader Guide, Meeder, H, 2013.)
Career and Technical Student Organization Connections

• STEM Connections:
  • Five Step Planning Process aligns to STEM process steps

• Leadership development

• Collaborative nature

• Project based/Problem based

• Real world applications, authentic experiences and assessments within the Family and Consumer Sciences context
National Research Shows Impact on Student/Member Skill Development:

- 66% of students* responded they possess the following employability skills due to their Family and Consumer Sciences training and FCCLA experiences:

  Communicating well with others
  Working with others successfully
  Being a team player

*Results were similar across all genders, race and socio-economic circumstance.

NASAFACS
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NASAFACS
Additional Family and Consumer Sciences Connections
Early Learning/Quality Early Education

**Foundational Life Skills:**
Pre-Parenting Education so future parents (the child's first teacher) can meet the needs of children.

**Career and Technical Education:**
Early Childhood Development and Services career training to meet the need for quality providers and related professionals.

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Family and Community Engagement

Family and Consumer Sciences is the only discipline that focuses on foundational life skills, in family context.

Human Services careers are technical skills aligned.

Family, Career and Community Leaders of America is the only career and technical student organization that focuses on the role of the family.

Project based competitions are aligned with family and community applications.

9.9 million impacted annually through the classroom and community interactions.
State Examples

Montana—Georgia—Washington—Kansas
Montana

- 175 Family and Consumer Sciences teachers
- 7,800 Family and Consumer Sciences students
- 71 FCCLA Chapters
- Community Outreach: 37,500 in 2013-14

College and Career Readiness:
- Family and Consumer Sciences Graduation Rate
- Impact Stories
Georgia

- 1171 Family and Consumer Science teachers
- 161,303 Family and Consumer Sciences students
- 312 FCCLA Chapters
- Community Outreach: 621,000 in 2013-14

College and Career Readiness:
- Obesity Prevention Alliance
- Early Childhood Education Industry Certification Program
Washington

- 606 Family and Consumer Science teachers
- 114,400 Family and Consumer Sciences students
- 144 FCCLA Chapters
- Community Outreach: 167,000 in 2013-14

**College and Career Readiness:**
- Advanced Placement and Academic Equivalency Crediting
- 2013 & 2014—FCCLA National Financial Fitness Award
- Expansion of Early Learning within Family and Consumer Sciences

**NASAFACS**
Kansas

- 455 Family and Consumer Science teachers
- 97,200 Family and Consumer Sciences students
- 200 FCCLA Chapters
- Community Outreach: 220,000 in 2013-14

College and Career Readiness:
- Prevention Education—Healthy Families in Kansas
- Youth Mental Health First Aid Training

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Summary
“To put the world in order, we must first put the nation in order; To put the nation in order, we must first put the family in order; To put family in order, we must first cultivate our personal life; we must first set our hearts right".

Confucius
Family and Consumer Sciences is foundational career readiness education:

- **Foundational life skill development** promotes wellness of individuals, their families and communities in which they live.

- **Employability skill education is** foundational to all career clusters, work application and life balance.

- **Workforce training**, in multiple industry sectors, is foundational to meeting the needs of human beings.
Questions?

What can we do to advance your work?